

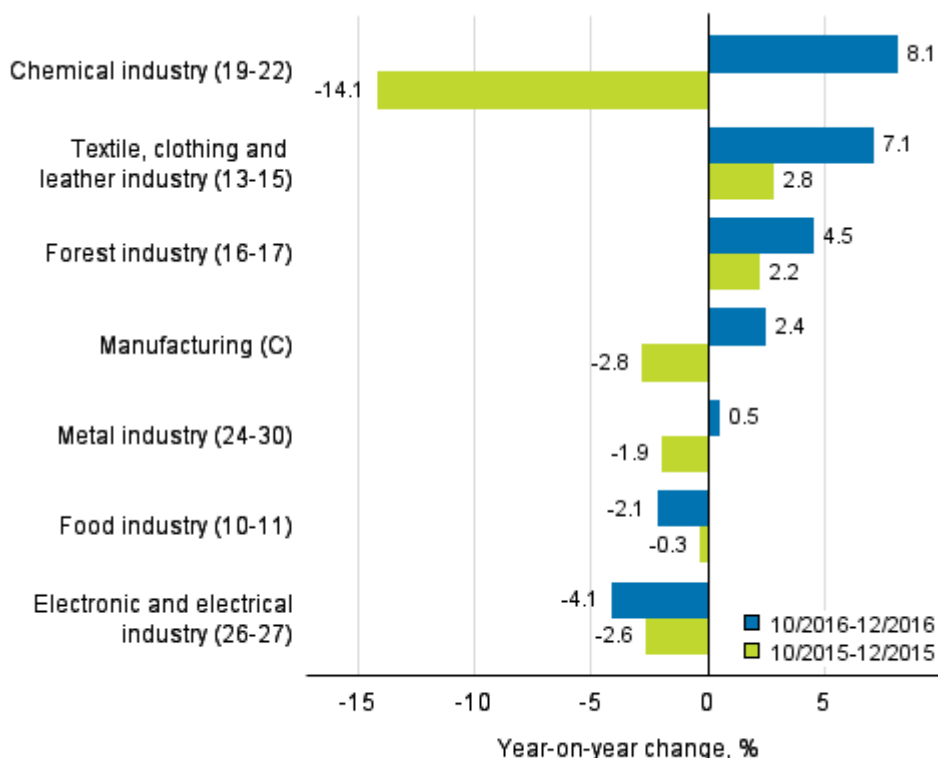
Index of turnover in industry

2016, December

Turnover in manufacturing grew by 2.4 per cent in the last quarter

According to Statistics Finland, turnover in manufacturing in the October to December period was 2.4 per cent higher than in the corresponding period of the year before. Domestic sales grew by 3.3 per cent and export turnover by 1.7 per cent from one year ago.

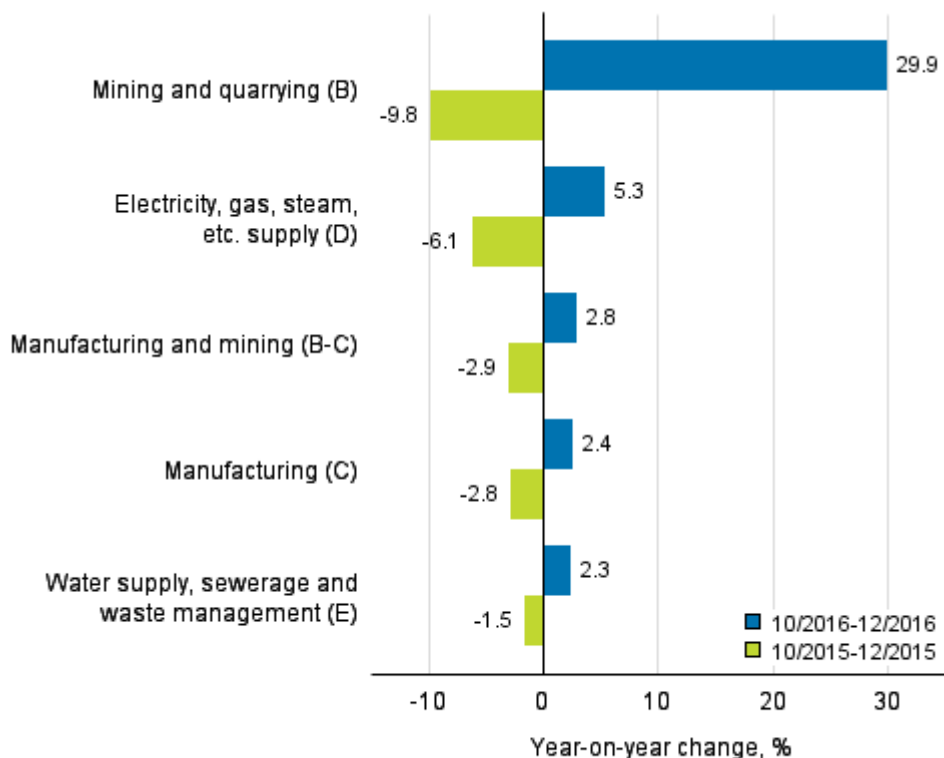
Three months' year-on-year change in turnover in manufacturing (C) sub-industries (TOL 2008)



Source: Statistics Finland

Turnover went up from the corresponding period of the previous year in nearly all **manufacturing (C) sub-industries**. Turnover grew most in the chemical industry, by 8.1 per cent, in the textile, clothing and leather industry, by 7.1 per cent, and in the forest industry, by 4.5 per cent. Less turnover than in the previous year was generated in the food industry, 2.1 per cent, and in the electrical and electronics industry, 4.1 per cent.

Three months' year-on-year change in turnover in main industrial categories (TOL 2008)



Source: Statistics Finland

The turnover of all **other main categories of manufacturing industries** also grew year-on-year. Turnover grew strongest in the industry of mining and quarrying, 29.9 per cent. Turnover in electricity, gas, steam and air conditioning supply increased by 5.3 per cent and in water supply, sewerage, waste management and remediation activities by 2.3 per cent from one year ago.

The index of turnover in industry describes enterprises whose main industry is manufacturing. The calculation of the indices is based on the Tax Administration's value added tax data which are supplemented with data obtained with Statistics Finland's sales inquiry. The monthly turnovers of manufacturing enterprises can vary considerably, especially in the metal industries. The variation is mainly due to invoicing practices. The final invoice for major machinery deliveries and projects may be recorded in the sales of one month, even if the delivery had required the work of several months or years.

Changes in the periodic tax return data used in turnover indices

Statistics Finland's turnover indices prepare for the change in the Tax Administration's value added tax data starting from data for January 2017. More about this under [Changes in these statistics.](#)

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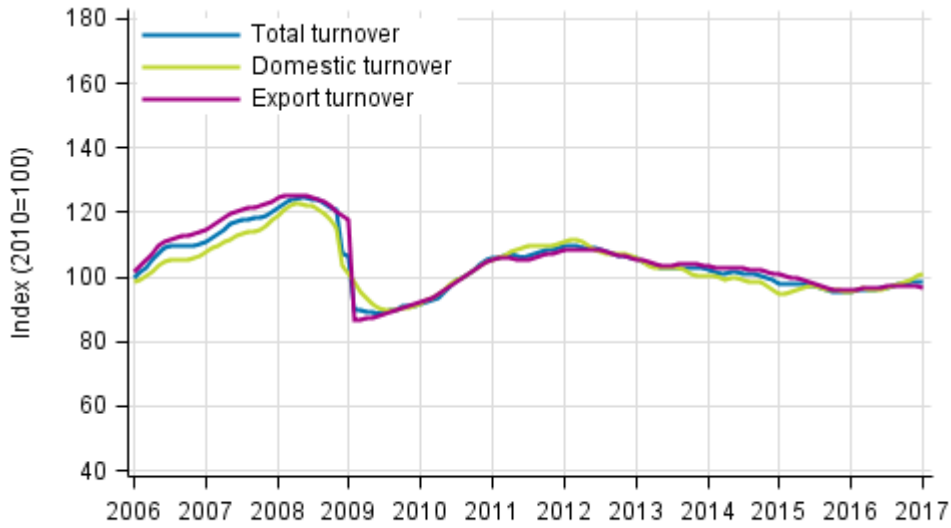
Appendix table 1. Year-on-year change in turnover by industry, % (TOL 2008)

	Year-on-year change by three-month period, % ¹⁾				Cumulative year-on-year change, % ¹⁾	Year-on-year change in the latest month, % ¹⁾
	01-03/2016	04-06/2016	07-09/2016	10-12/2016		
B Mining and quarrying	-1.1	6.7	10.4	29.9	11.5	37.8
C Manufacturing	-3.2	0.9	2.2	2.4	0.7	0.7
D Electricity, gas, steam and air conditioning supply	2.6	-3.4	-4.4	5.3	0.6	4.6
E Water supply; sewerage, waste management and remediation act	-1.2	1.3	1.9	2.3	1.2	2.3
10-11 Food industry	-2.0	1.1	-1.6	-2.1	-1.2	-2.5
13-15 Textile, clothing and leather industry	-0.6	4.7	-0.5	7.1	2.8	7.2
16-17 Forest industry	2.7	3.2	4.3	4.5	3.7	2.7
19-22 Chemical industry	-8.5	3.0	-1.7	8.1	0.2	11.4
24-30 Metal industry	-4.9	-1.8	4.1	0.5	-0.5	-2.3
26-27 Electronic and electrical industry	-6.7	-2.5	5.3	-4.1	-2.1	-10.4
13, 14, 17, 20, 21, 24-30 Manufacturing working on orders	-2.0	-1.2	4.1	1.6	0.6	-1.7

1) Year-on-year change compares the value for an examined time period to the value for the corresponding time period twelve months back.

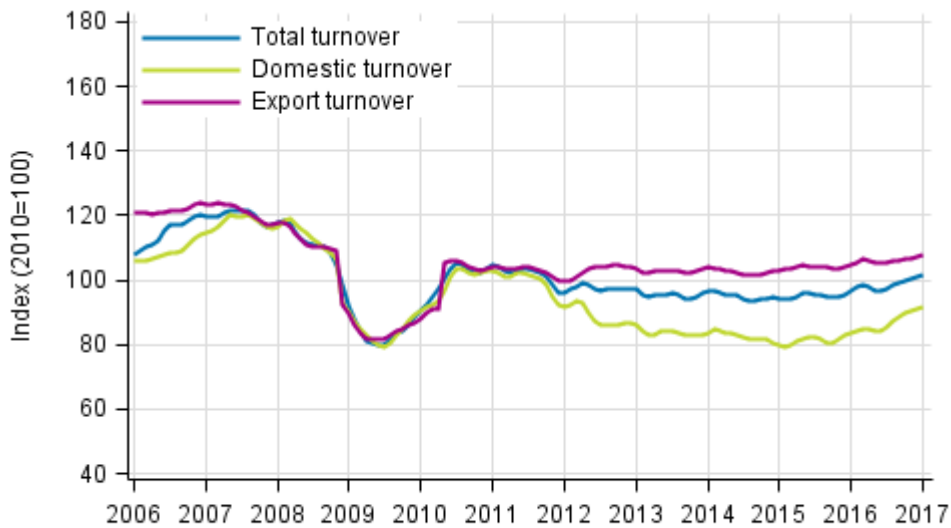
Appendix figures

Appendix figure 1. Trend series on total turnover, domestic turnover and export turnover in manufacturing



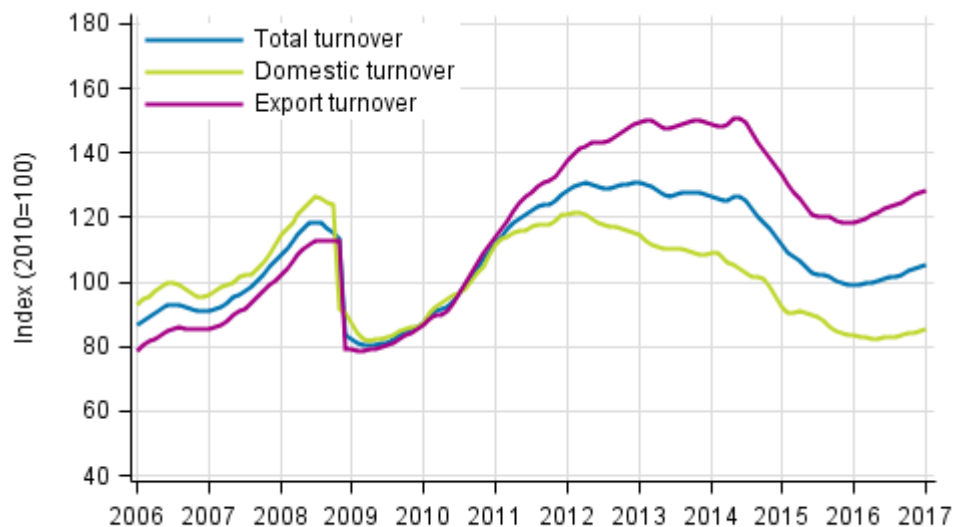
Source: Statistics Finland

Appendix figure 2. Trend series on total turnover, domestic turnover and export turnover in the forest industry



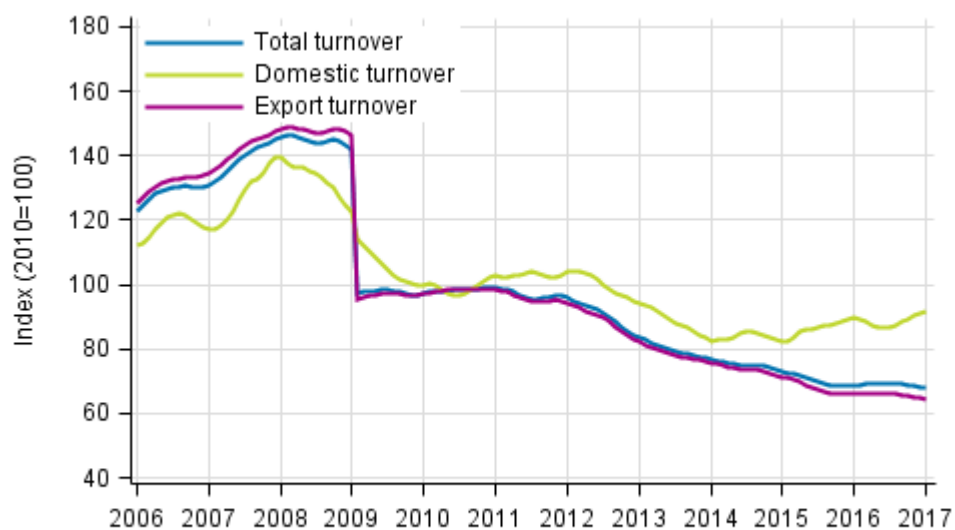
Source: Statistics Finland

Appendix figure 3. Trend series on total turnover, domestic turnover and export turnover in the chemical industry



Source: Statistics Finland

Appendix figure 4. Trend series on total turnover, domestic turnover and export turnover in the electronic and electrical industry



Source: Statistics Finland

Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

Revision of annual changes in turnover in main industries¹⁾

Industry / Reference period		Year-on-year change,%		Revision, percentage point
		1st release	Latest release (2017-03-15)	
B Mining and quarrying	07/2016	10.1	8.3	-1.8
	08/2016	7.5	7.9	0.4
	09/2016	16.0	14.2	-1.8
	10/2016	7.5	7.0	-0.5
	11/2016	44.7	44.0	-0.7
C Manufacturing	07/2016	-5.1	-5.2	-0.1
	08/2016	7.4	7.1	-0.3
	09/2016	4.7	4.6	-0.1
	10/2016	0.6	0.6	0.0
	11/2016	6.3	6.2	-0.1
D Electricity, gas, steam and air conditioning supply	07/2016	-4.3	-4.7	-0.4
	08/2016	-2.4	-3.0	-0.6
	09/2016	-5.2	-5.6	-0.4
	10/2016	-2.4	-2.4	0.0
	11/2016	14.5	14.0	-0.5
E Water supply; sewerage, waste management and remediation act	07/2016	-3.3	-5.0	-1.7
	08/2016	7.1	6.9	-0.2
	09/2016	3.8	3.4	-0.4
	10/2016	2.1	1.7	-0.4
	11/2016	2.9	3.1	0.2
10-11 Food industry	07/2016	-7.8	-8.2	-0.4
	08/2016	4.0	4.0	0.0
	09/2016	-0.1	-0.2	-0.1
	10/2016	-7.2	-7.2	0.0
	11/2016	4.1	3.9	-0.2
13-15 Textile, clothing and leather industry	07/2016	-6.6	-9.6	-3.0
	08/2016	7.8	5.3	-2.5
	09/2016	2.9	1.3	-1.6
	10/2016	0.5	-0.1	-0.6
	11/2016	14.1	14.0	-0.1
16-17 Forest industry	07/2016	-3.9	-3.6	0.3
	08/2016	11.1	10.7	-0.4
	09/2016	6.0	6.0	0.0
	10/2016	3.4	3.2	-0.2
	11/2016	7.6	7.6	0.0
19-22 Chemical industry	07/2016	-11.6	-11.4	0.2
	08/2016	2.5	2.4	-0.1
	09/2016	3.4	3.8	0.4
	10/2016	7.0	6.9	-0.1
	11/2016	6.3	6.3	0.0

Industry / Reference period		Year-on-year change,%		Revision, percentage point
		1st release	Latest release (2017-03-15)	
24-30 Metal industry	07/2016	-2.5	-2.7	-0.2
	08/2016	8.8	8.4	-0.4
	09/2016	6.3	6.2	-0.1
	10/2016	-1.3	-1.1	0.2
	11/2016	5.9	6.0	0.1
26-27 Electronic and electrical industry	07/2016	4.0	4.0	0.0
	08/2016	13.1	12.7	-0.4
	09/2016	1.4	1.0	-0.4
	10/2016	-2.4	-2.7	-0.3
	11/2016	3.8	3.7	-0.1
13, 14, 17, 20, 21, 24-30 Manufacturing working on orders	07/2016	-3.4	-3.6	-0.2
	08/2016	9.7	9.4	-0.3
	09/2016	6.3	6.3	0.0
	10/2016	0.9	0.8	-0.1
	11/2016	6.4	6.5	0.1

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

Revisions of long-term annual changes in turnover in main industries

Industry	Year	Average ¹⁾	Average for absolute values ²⁾
B Mining and quarrying	2013	1.3	2.0
	2014	-0.2	1.2
	2015	-0.1	1.1
C Manufacturing	2013	-0.2	0.3
	2014	-0.3	0.4
	2015	0.1	0.3
D Electricity, gas, steam and air conditioning supply	2013	-0.7	0.8
	2014	-0.3	0.7
	2015	-0.1	0.7
E Water supply; sewerage, waste management and remediation act	2013	0.3	0.4
	2014	0.4	1.2
	2015	-0.2	0.7
10-11 Food industry	2013	-0.3	0.4
	2014	-0.3	0.4
	2015	-0.6	0.7
13-15 Textile, clothing and leather industry	2013	-0.5	0.6
	2014	-0.1	0.9
	2015	0.7	1.2
16-17 Forest industry	2013	-0.1	0.6
	2014	-0.2	0.3
	2015	0.0	0.1
19-22 Chemical industry	2013	0.0	0.2
	2014	-0.1	0.3
	2015	0.0	0.1
24-30 Metal industry	2013	-0.2	0.4
	2014	-0.6	0.7
	2015	0.3	0.6
26-27 Electronic and electrical industry	2013	-0.1	0.1
	2014	-0.3	0.8
	2015	1.1	1.3
13, 14, 17, 20, 21, 24-30 Manufacturing working on orders	2013	-0.1	0.3
	2014	-0.4	0.5
	2015	0.2	0.4

1) Average for data revised between the first and seventh release in the statistical reference year.

2) Average for absolute values of differences between the first and seventh release.

Inquiries

Maija Sappinen 029 551 3348

Kirsi-Maaria Manninen 029 551 2681

Director in charge:

Mari Ylä-Jarkko

myynti.teollisuus@stat.fi

www.stat.fi

Source: Index of turnover in industry 2016, December, Statistics Finland